

Fig. 1, Prior Art

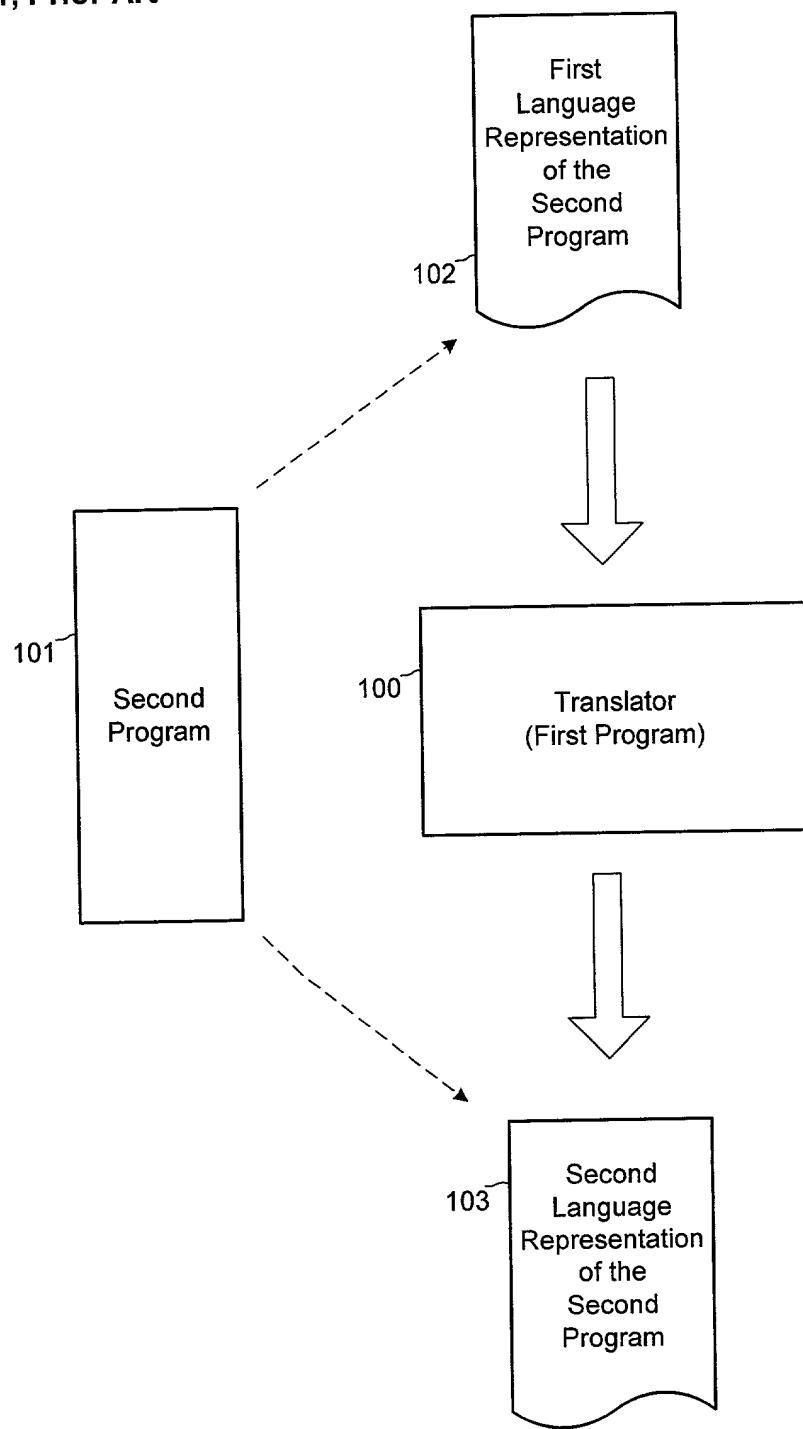


Fig. 2, Prior Art

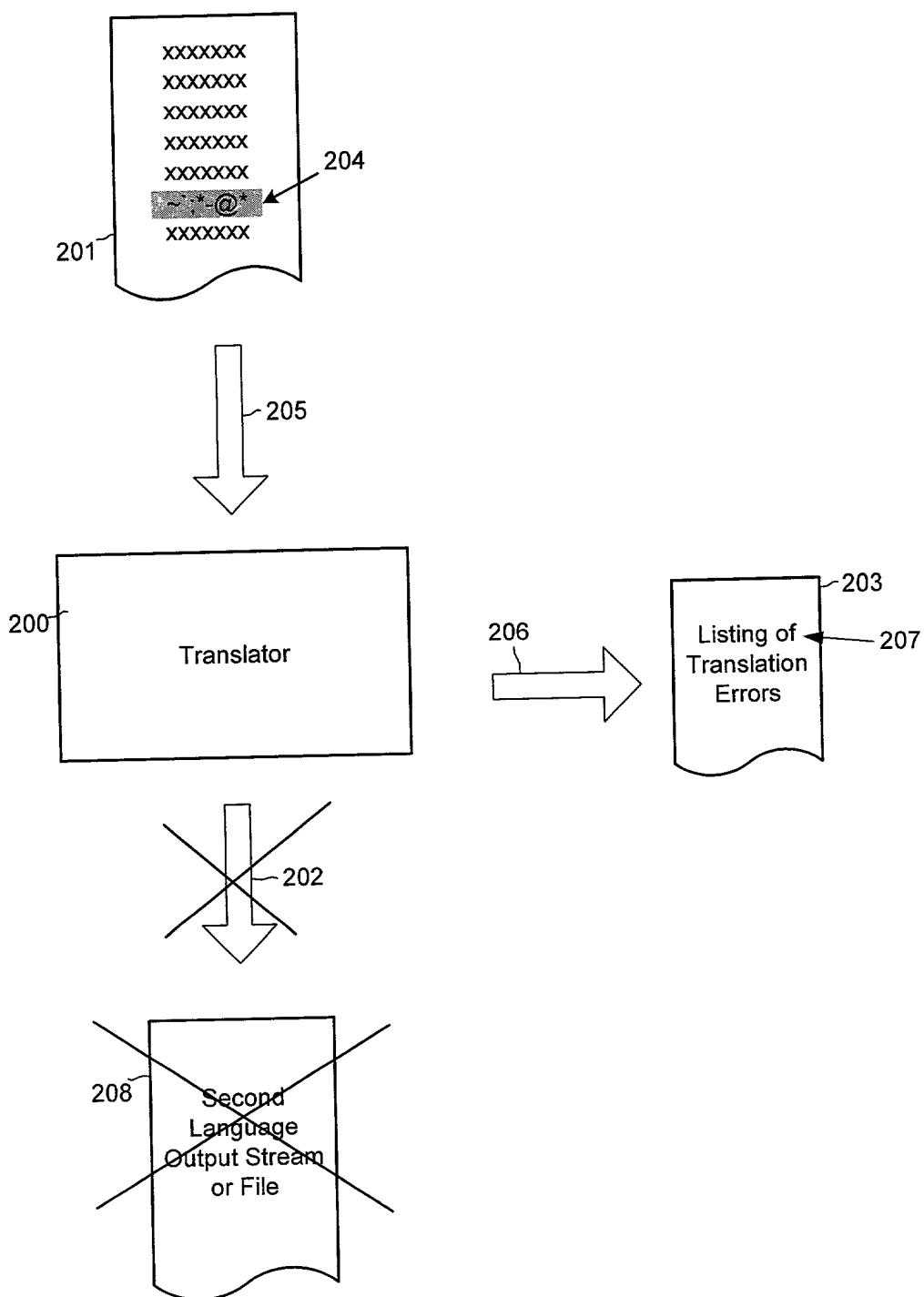


Fig. 3

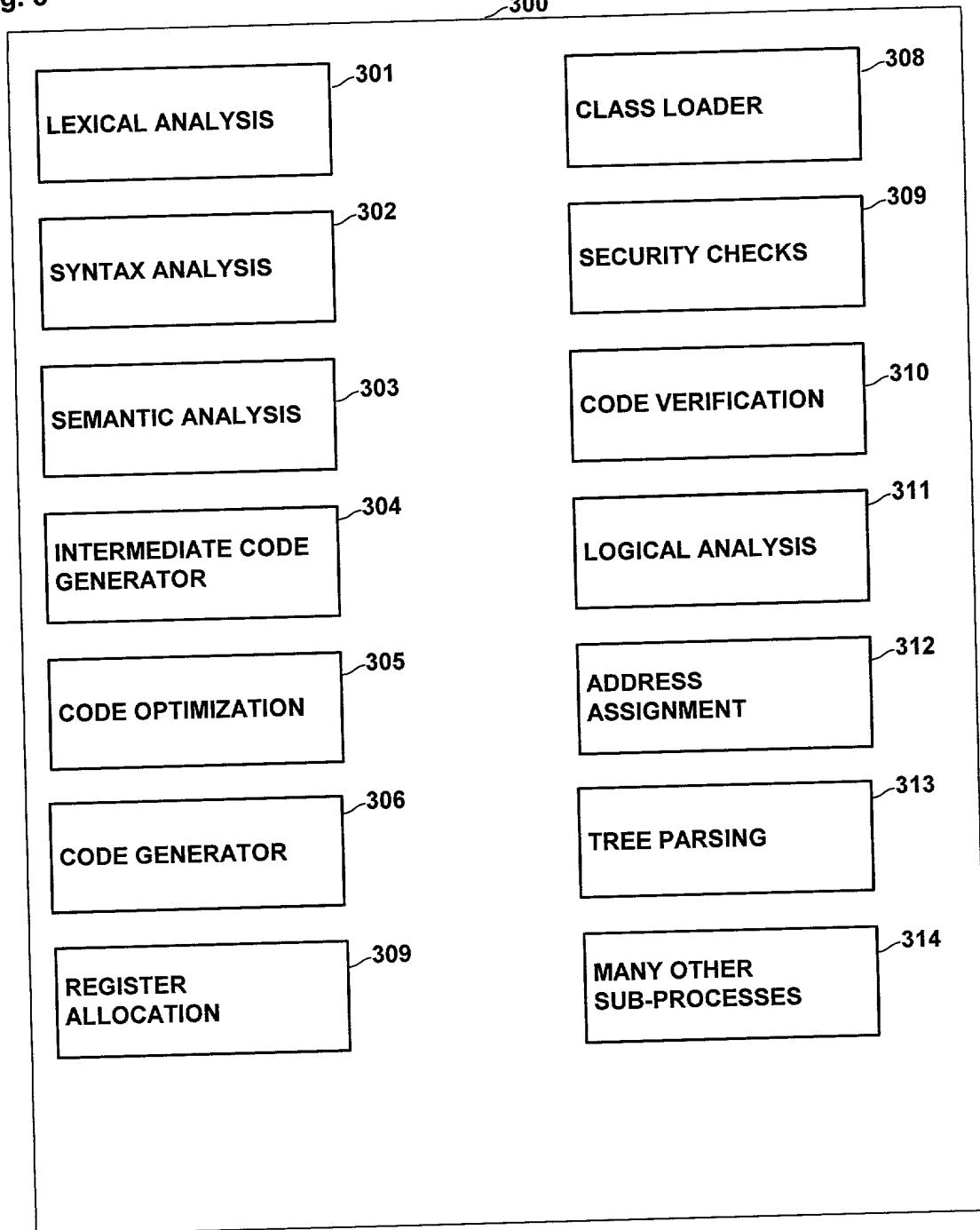
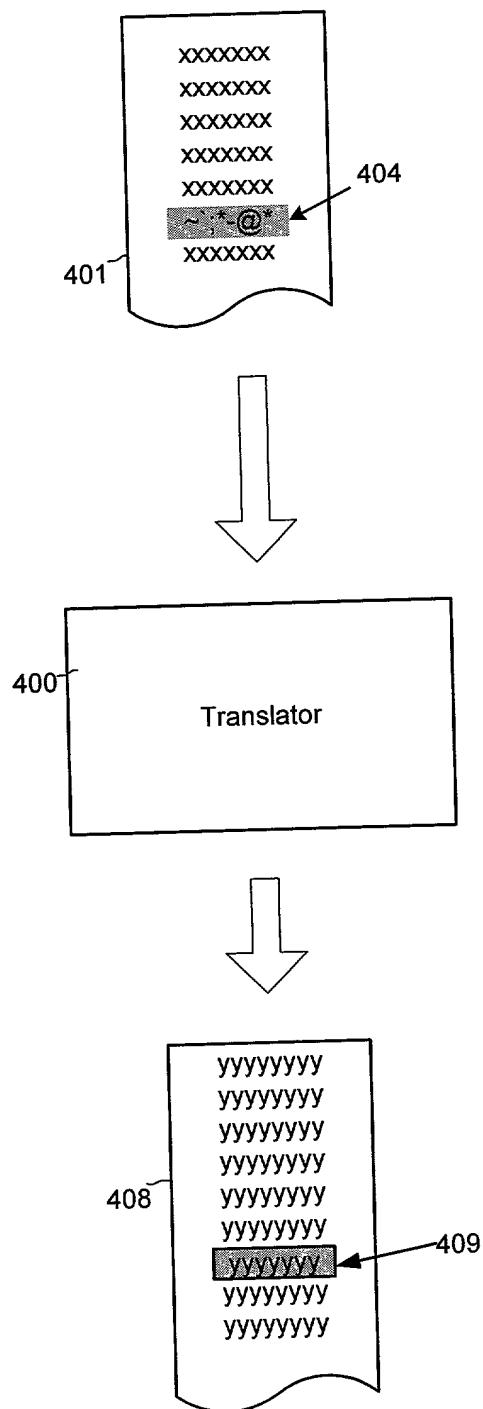


Fig. 4



0 9 8 7 6 5 4 3 2 1 0

Fig. 5

```
500    method ComputeTaxBasedOnIncome(var real X)
           //This method computes taxes based on ordinary income.
512    *4982GYT
           {      var real y, z;
                  if (X < 30000)      //case 1
                      //For ordinary income under $30,000, the tax is 10%
511    *4983GYT
                      z:= (0.10*X);
                  else if (X < 50000) //case 2
                      //For ordinary income greater than $30,000 and less
                      //than $50,000, the tax is 12%.
510    *4984GYT
                      z:= (0.12*X);
                  else if (X< 100000) //case 3
                      //For ordinary income greater than $50,000 and less
                      //than $100,000, the tax is 14%.
509    *4985GYT
                      z:= (0.14*X);
                  else if (X< 200000) //case 4
                      //For ordinary income greater than $100,000 and less
                      //than $200,000, the tax is 16%.
508    *4986GYT
                      z:= (0.16*X);
                  else          //case 5
                      //For ordinary income greater than $200,000 the tax is
                      //16% on the first $200,000 and 18% on any amount in
507    *4987GYT
                      y := (200000*0.16); 504
501    z:= (y + (X-200000)*0.18);
                  //The tax has been computed and now is returned.
                  return (z);
            }
```

Fig. 6

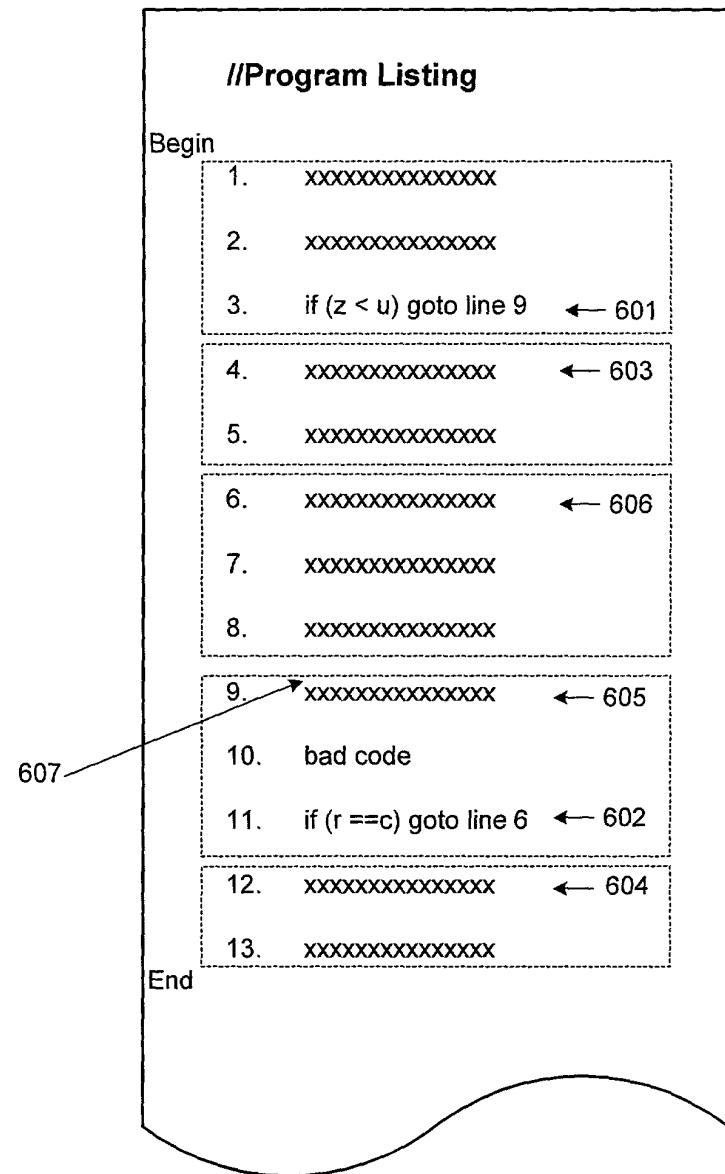


Fig. 7

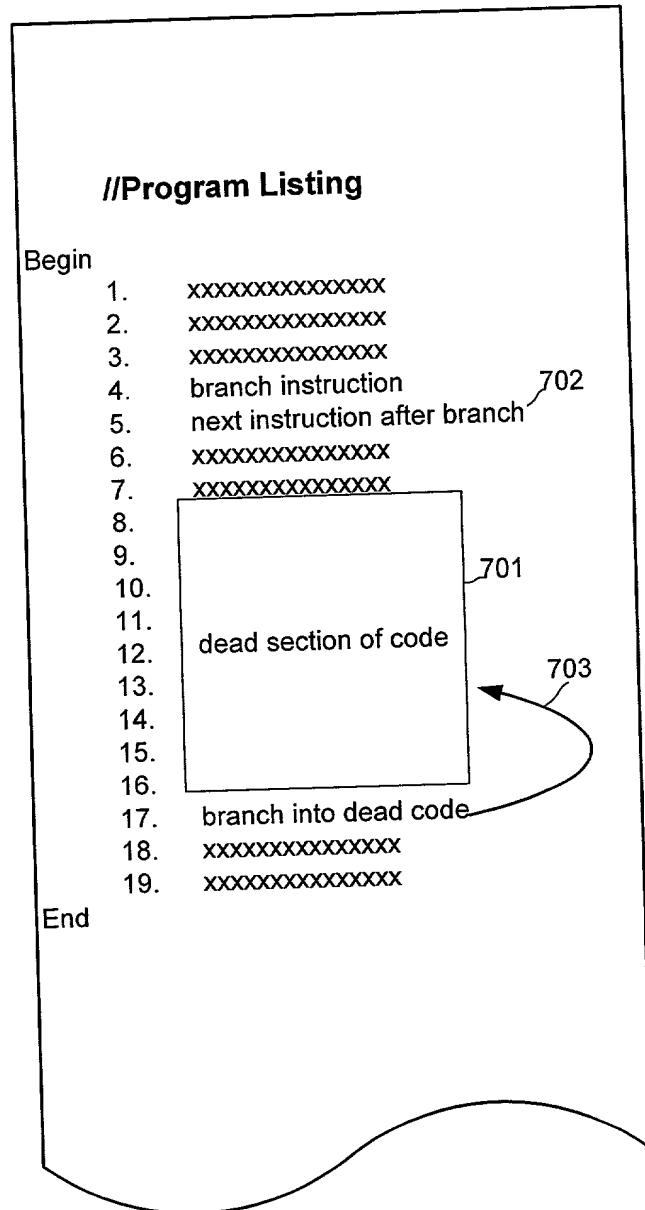


FIG. 8

```
Method (x var) ← 801
{
    xxxxx
    xxxxx
    xxxxx
    bad code
    xxxxx
    xxxxx
}
```

Fig. 9

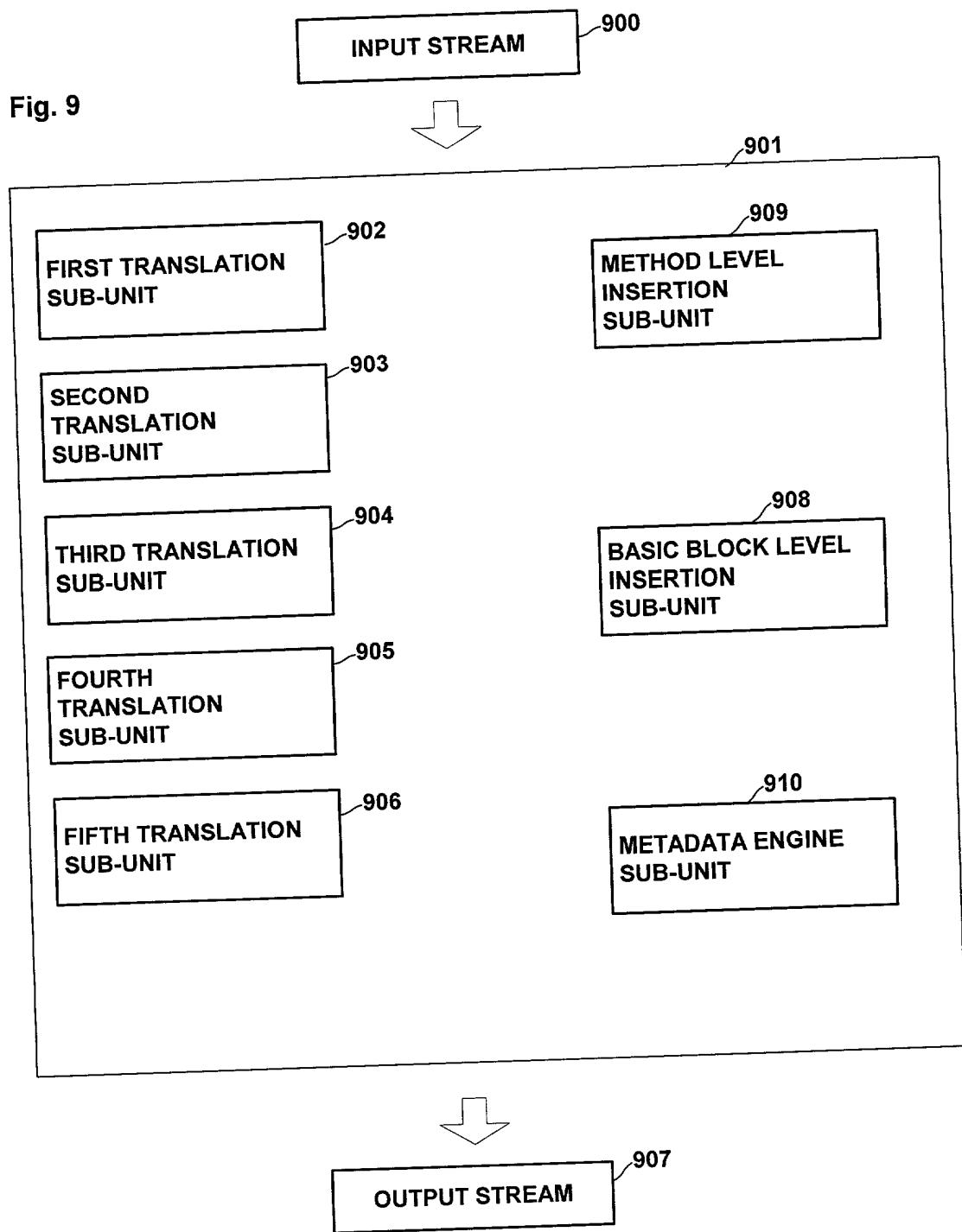


Fig. 10

File Edit View Insert Tools Help

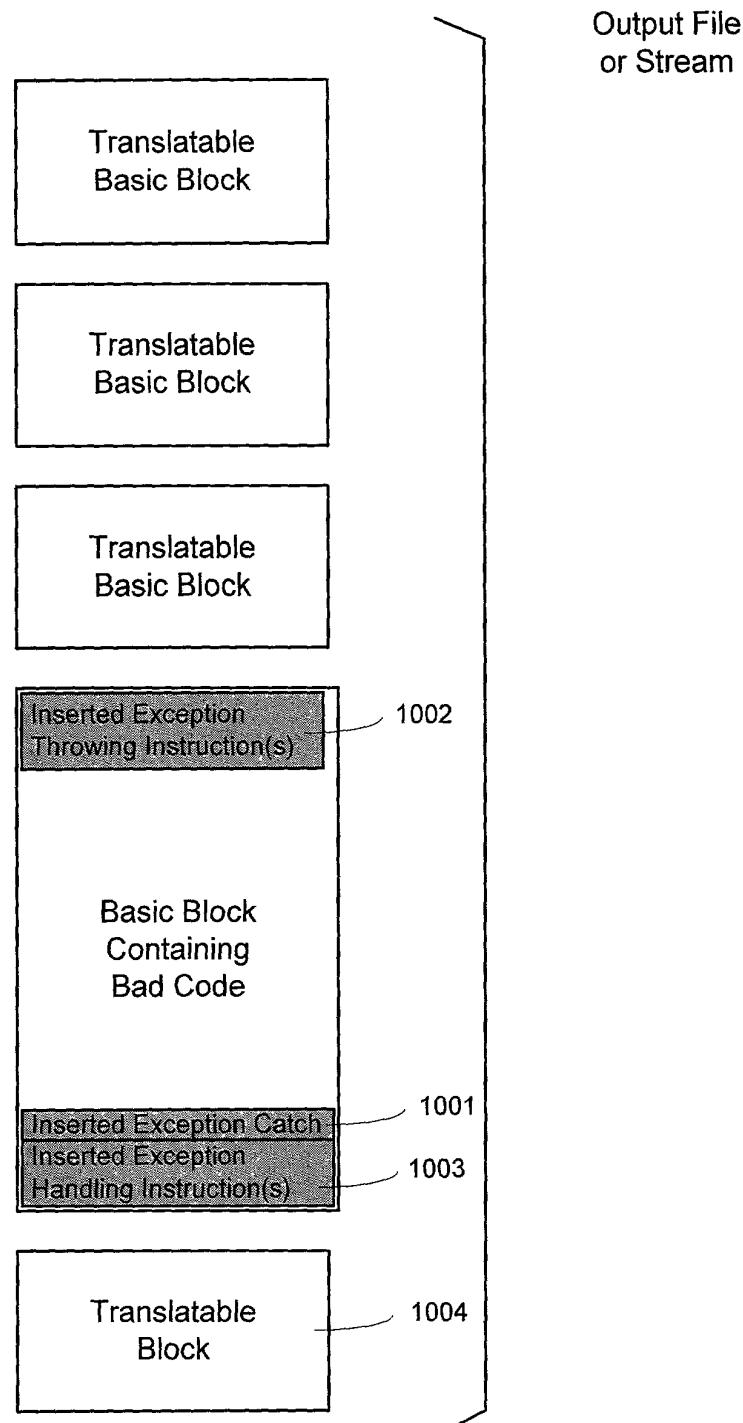


Fig. 11

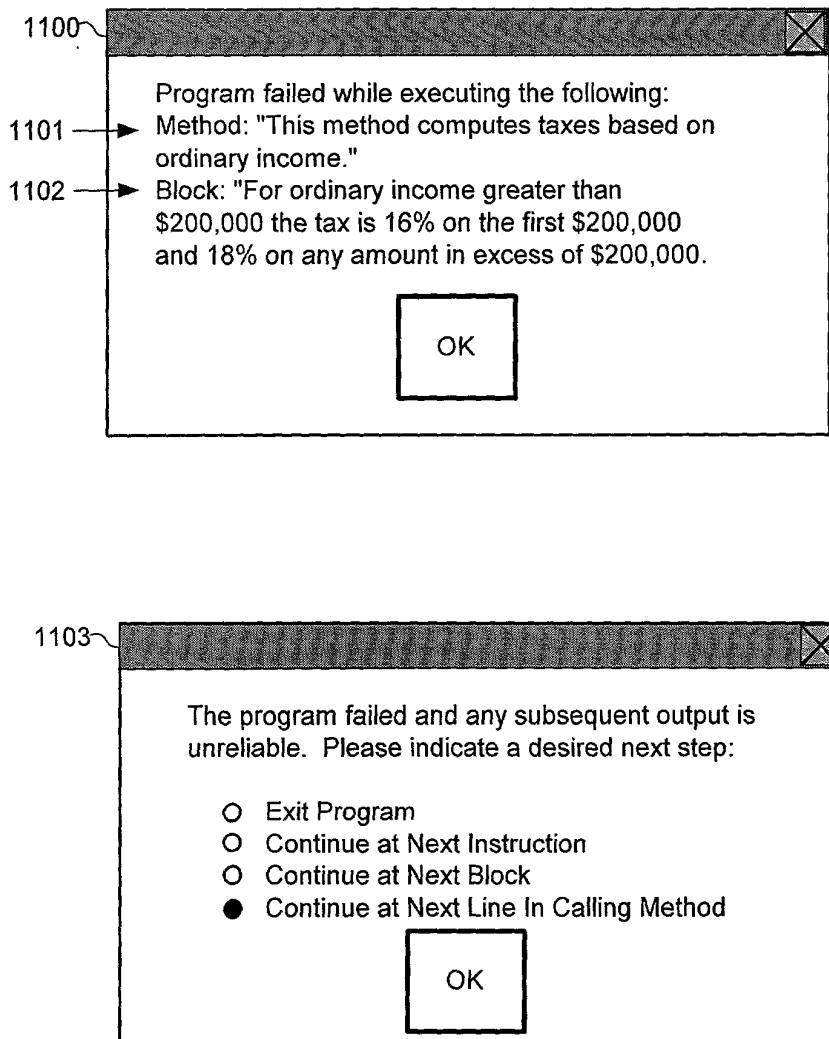


Fig. 12

(Input File or Stream)
//This program creates a ...

*Source: XYZ Programming Industries ← 1201
*Server: XYZ.com ← 1204
*Certification: 37698JI, 43029XN, 83621TY ← 1205

1207 *Unresolvable Code:
 *default = basic block, method ← 1206
 *special: links = instruction ← 1210
 *source: local = local.dll, remote = xyz.com/ouch.dll

1209 1208

#include xyz.com/dev/classA2.dll ← 1203
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx ← 1202
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx

For all Figures:
'*' = metadata
'//' = comments
'#' = translation time link

Fig. 13

0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1

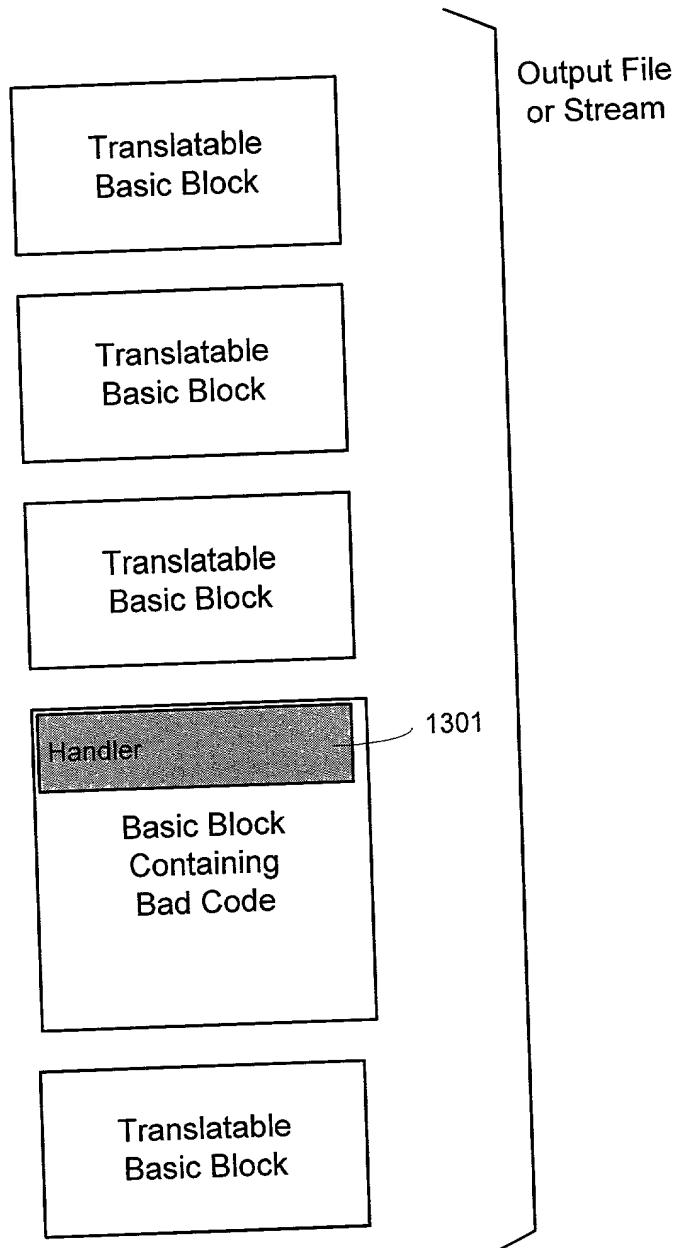


FIG. 14

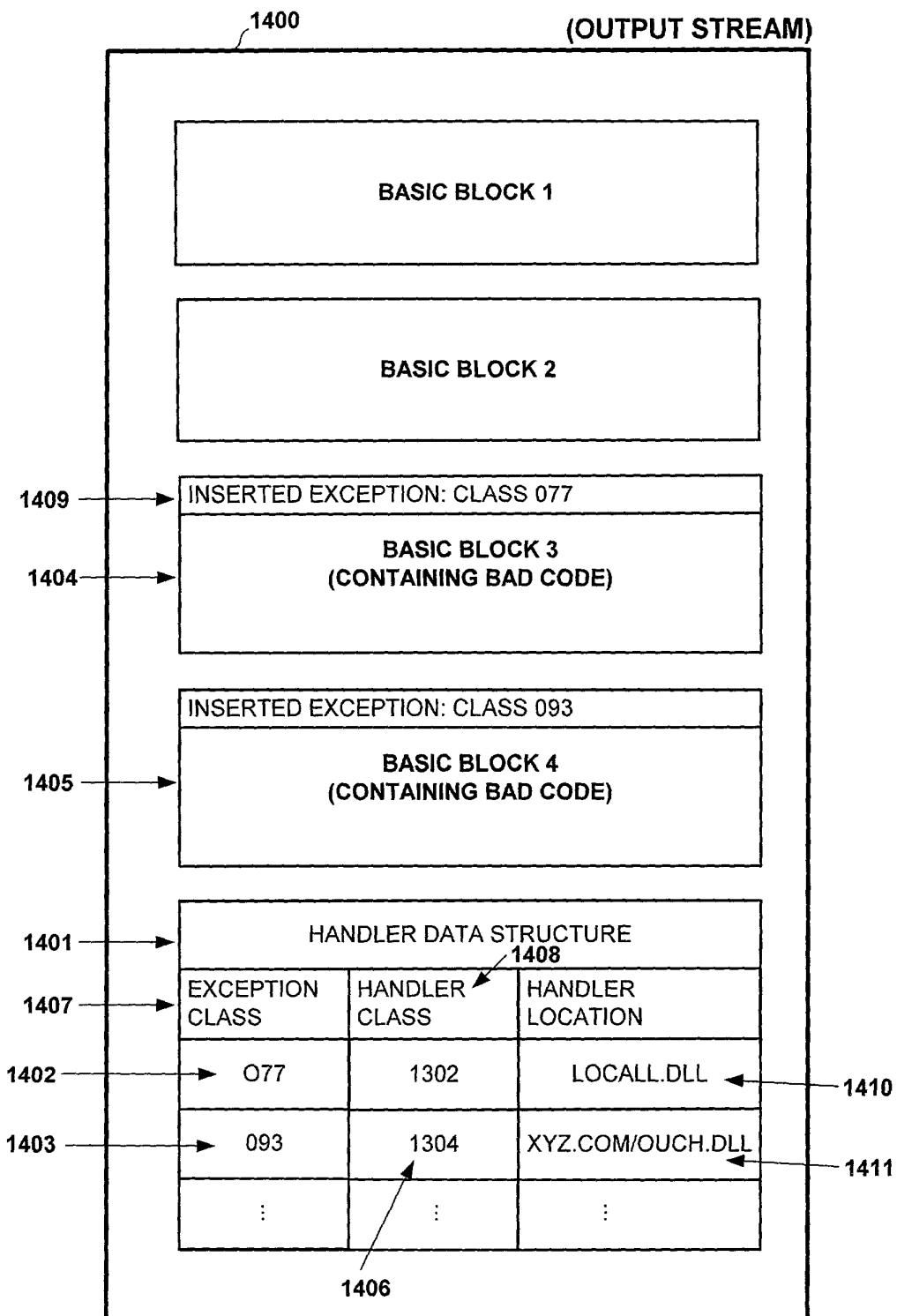


Fig. 15

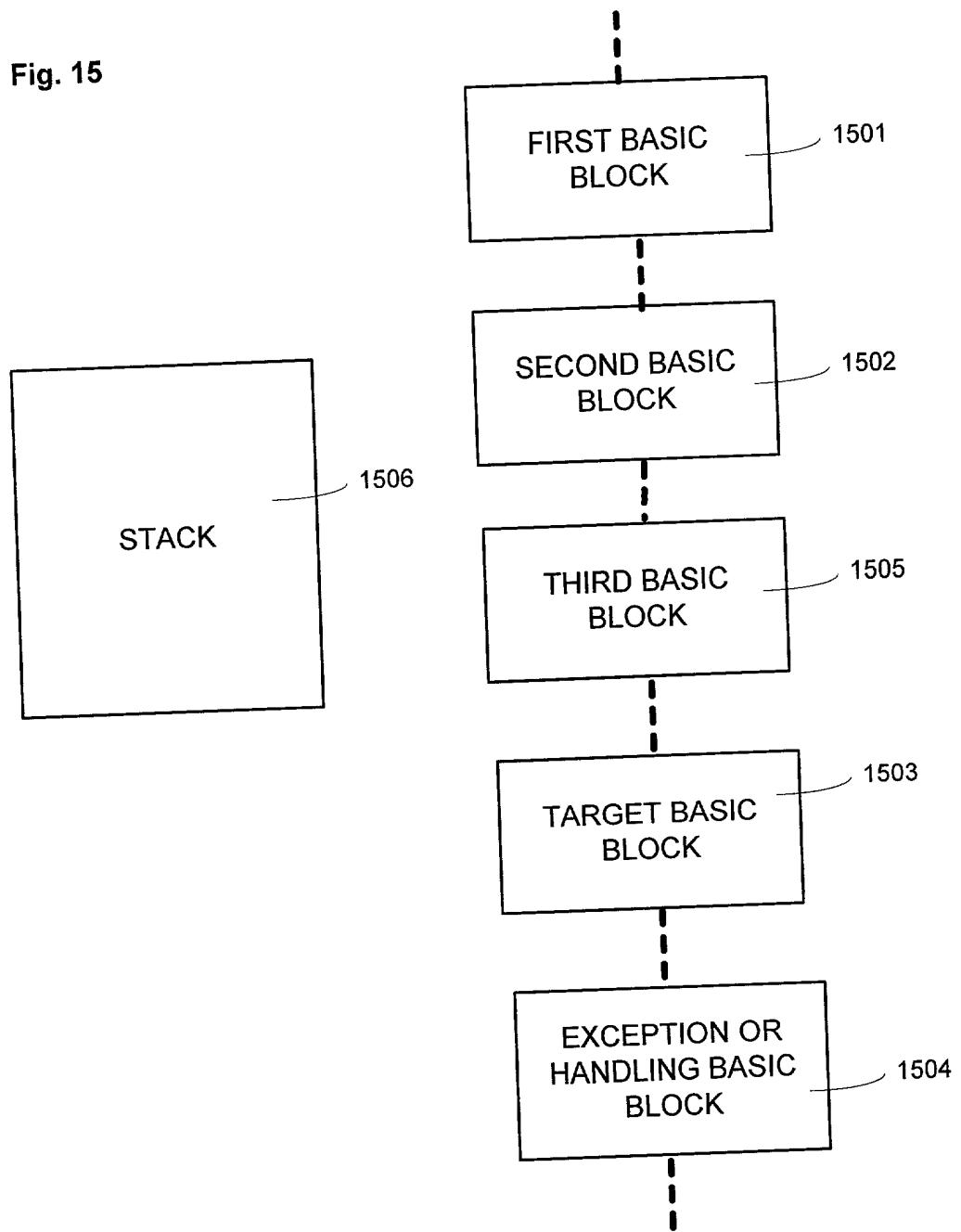


Fig. 16

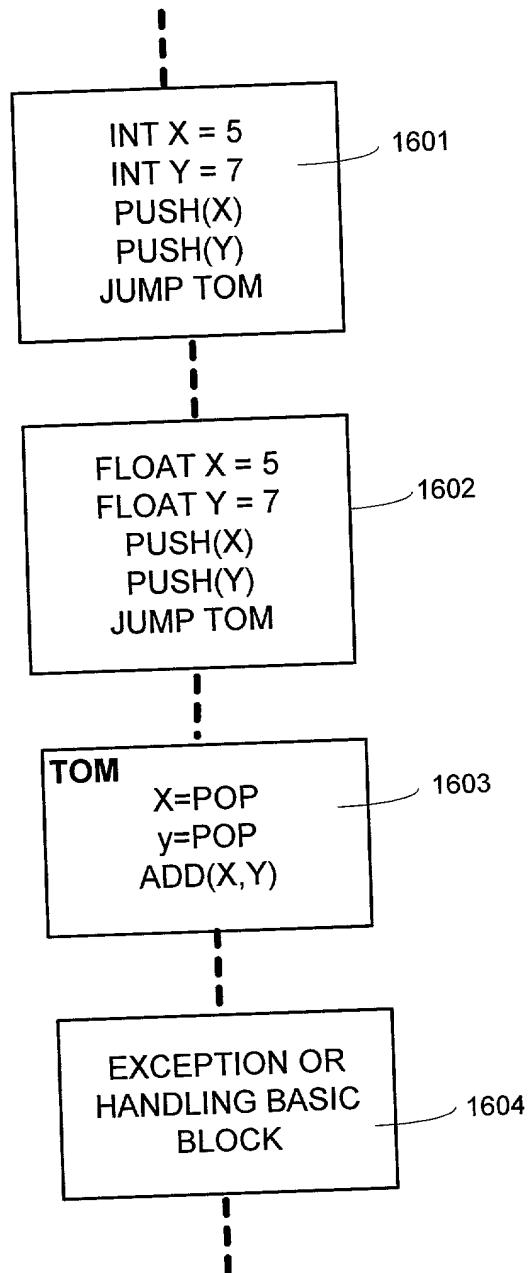


Fig. 17

